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COTTON
1993 CROP
VARIETIES PLANTED



UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service Cotton Division
Memphis, Tennessee

September 1993

**Cotton Varieties Planted, United States
1993 Crop**

Deltapine owned varieties were the most popular upland cotton planted in the United States for the 1993-94 season, according to the Cotton Division, Agricultural Marketing Service, USDA. Cargill owned varieties were the second most popular followed by Stoneville, CPCSD, DES and Hyperformer.

Deltapine owned varieties were the most popular planted in 1993, accounting for 40.0 percent of the United States acreage. These varieties lead in Alabama, Arizona, Arkansas, Georgia, Louisiana, Mississippi, Missouri, North Carolina, South Carolina, Tennessee and Virginia. The most popular Deltapine variety was Deltapine 50 which accounted for slightly over 12 percent of the United States acreage planted.

Cargill owned varieties were the second most popular planted in 1993, accounting for 30.1 percent of the United States acreage. These varieties were the most popular planted in Texas and Oklahoma and were the second most popular in New Mexico. Paymaster HS 26 was the most popular Cargill owned variety and accounted for about 18.7 percent of the U.S. acreage.

Stoneville owned varieties were the third most popular planted in 1993. These varieties accounted for 7.5 percent of the U.S. acreage. These varieties were the second most popular planted in Alabama, Arkansas, Georgia, Louisiana, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee and Virginia. The leading Stoneville variety was Stoneville 453, accounting for 3.5 percent of the U.S. acreage planted.

CPCSD (California Planting Cotton Seed Distributors) varieties were the next most popular and accounted for 6.3 percent of the acreage planted in 1993. CPCSD varieties were the most popular planted in California. Acala Maxxa was the most popular variety of CPCSD planted and accounted for about 4.8 percent of the U.S. acreage.

DES variety 119 was the fifth most popular group planted in 1993, accounting for 3.5 percent of the U.S. acreage. DES-119 was the second most popular variety planted in Mississippi and Virginia.

Hyperformer was the sixth most popular variety planted and accounted for 2.1 percent of the 1993 acreage. Hyperformer HS 46 was their most popular, at 2.0 percent of the total U.S. acreage.

Pima S-7 was the most popular American Pima variety planted in 1993. This variety accounted for 58.6 percent of the United States acreage and accounted for virtually 73 percent of the American Pima acreage in California and about 67 percent of the acreage in Arizona. Pima S-6 accounted for about 33 percent of the Arizona acreage.

Estimates of the percentage of the various varieties of cotton planted in the United States for 1993 by counties, classing offices and states are presented in this report. The variety data are based primarily on estimates furnished by cotton ginners for the territories served by their gins.

Estimated percentage of upland cotton acreage planted to leading specified varieties, by growth areas, 1993 crop

GROWTH AREA	DELTA PINE	DELTA PINE	DELTA PINE	DELTA PINE	DELTA PINE	HYPERFORMER	DES-119
	ACALA 90	DP 5415	DP 5690	51	50	HS 46	
SOUTHEASTERN	21.5	11.7	9.0	8.3	8.2	6.2	4.5
SOUTH CENTRAL	DELTA PINE 50	DELTA PINE 20	DELTA PINE 51	STONEVILLE 453	DELTA PINE DP 5415	DES-119	HYPERFORMER HS 46
	29.2	17.6	11.2	7.2	6.5	6.1	2.5
SOUTHWEST	CARGILL PAYMASTER HS 26 41.1	CARGILL PAYMASTER HS 200 18.2	CARGILL PAYMASTER 145 4.8	DELTA PINE 50 3.9	DELTA PINE DP 5415 3.5	DELTA PINE ACALA 90 3.1	DELTA PINE 51 2.9
WEST	CPCSD MAXXA 44.1	DELTA PINE DP 5415	GERMAIN'S GC-510 8.7	CPCSDS ROYALE 6.9	CPCSDS SJ-2 6.9	CPCSDS M-5 2.6	DELTA PINE ACALA 90 2.3

Table 1. Estimated percentage of upland cotton planted to specified varieties, by states and United States, crop of 1993

VARIETY	AL	AZ	AR	CA	GA	LA	MS	MO	NH	NC	OK	SC	TN	TX	VA	OTHER	UNITED STATES	1/	2/
ACALA	1517-75	-	-	-	-	-	-	-	-	8.8	-	-	-	-	-	-	-	-	-
	1517-77	-	-	-	-	-	-	-	-	22.3	-	-	-	-	-	-	-	-	-
	1517-88	-	-	-	-	-	-	-	-	6.5	-	-	-	-	-	-	-	-	-
	1517-91	0.9	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-	-	-
	M-5	-	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL-TEX	ATLAS	-	-	-	-	-	-	-	-	6	-	-	-	-	-	1.0	-	-	-
	MAX-9	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	-
	QUICKIE	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	0.9	-
CARGILL	LANKART	LX-571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PR-75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANKART SELECTION	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	611	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYMASTER	HS 26	-	-	-	-	-	-	-	-	23.8	-	25.8	-	-	-	41.9	-	-	18.7
	HS 200	-	-	-	-	-	-	-	-	17.7	-	11.1	-	-	-	18.5	-	-	8.5
	145	-	-	-	-	-	-	-	-	0.6	-	2.7	-	-	-	5.1	-	-	2.3
CAROLINA	ES-300	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-	-	-	
CEMBRED	CB 333	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	CB 407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CB 1135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CPCSD	ACALA MAXIA	-	-	-	-	-	-	-	-	0.9	-	1.8	-	-	-	-	-	-	4.8
	ACALA PREMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ACALA ROYALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8
	ACALA SJ-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7
DELTAPINE	ACALA 90	17.7	8.4	-	4	43.4	8.3	0.9	-	2.2	4.4	2.1	26.4	-	3.4	3.5	6.3	4.8	
	DP 5415	7.3	59.8	6.8	1.5	12.8	14.9	8.2	2.5	-	10.4	-	20.4	1.3	3.7	3.3	19.9	7.0	
	DP 5461	-	-	0.6	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	1
	DP 5690	15.5	5.1	-	1	15.9	7.4	4	-	3.2	-	6.0	-	-	1.4	-	-	13.6	2.5
	DP 5816	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	DP 6166 ACALA	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	1
	20	1.1	5.1	18.0	4	0.5	12.1	15.1	18.7	-	9.3	-	1.0	29.9	1.1	13.3	-	6.7	
	41	-	-	1.2	-	1	0.8	-	-	-	-	-	-	-	-	-	-	1	
	50	16.8	2.3	33.5	1	0.8	10.5	37.4	23.6	-	11.8	-	1	34.2	4.2	15.0	-	12.3	
	51	20.3	1	14.5	-	6.1	12.9	10.5	7.6	-	11.4	-	0.9	7.0	3.1	11.7	33.1	6.3	
DES-	119	6.2	0.8	5.7	-	2.9	1.5	16.2	3.5	-	12.1	-	-	-	5.3	3.8	1	25.0	2.4
																		3.5	

Table 1. Continued

VARIETY	AL	AL	AR	CA	GA	LA	MS	MO	NC	OK	SC	TN	TX	VA	OTHER	UNITED STATES	ALL
DUNN	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/	2/
S & P	6P 74+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
GERMAIN'S																1	1
	ACALA 6C-356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	1
	ACALA 6C-510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	1
	6C-610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
HOLLAND	850	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	1
	1919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	1
HYPERFORMER																0.5	1
	HS 23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	1
	HS 46	4.5	1.7	0.9	-	4.5	11.6	1.0	-	-	2.5	-	0.9	-	-	7.7	2.0
RANGER	BB 53	-	-	-	-	-	-	-	-	-	-	-	0.4	1.0	13.0	7.7	1
ROSEBUD	PR-80	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	1	1
SEEDCO	SOUTHLAND H-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	1
STONEVILLE																1.5	1
	COKER 320	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	1.9	1
	MCMAIR 220	-	-	-	-	-	-	-	-	-	-	-	5.3	-	-	0.5	1
	STONEVILLE KC311	1.2	2.0	-	-	2.2	0.8	-	-	-	-	-	14.6	-	-	4.4	0.8
	LA-887	8	0.5	0.5	-	-	7.8	2.1	-	-	-	-	4.1	-	-	0.9	1
	132	-	-	2.6	-	-	0.6	1	-	-	-	-	4.1	-	-	0.5	1
	453	2.7	1	11.6	-	1.0	3.7	4.4	24.0	-	-	-	4.8	3.8	1	15.2	1
	506	-	-	2.7	-	-	1	1.1	1.0	11.7	-	-	1.6	-	4.1	-	3.5
	825	2.3	-	0.5	-	1.1	2.3	0.6	0.9	-	-	-	1.6	-	-	3.9	1.0
	907	1.5	-	0.8	-	1.5	1	1.5	-	-	-	-	2.5	-	-	-	1.5
SURE-GROW	1001	1.8	1.0	-	-	4.4	1	0.6	-	-	0.9	-	2.6	-	-	-	0.5
TANCOT																1.9	1
	CAB-ES	-	-	-	-	-	-	-	-	-	-	-	10.0	-	-	2.4	1
	CAMD-E	-	-	-	-	-	-	-	-	-	-	-	1.3	-	-	1	1
	CD3H	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	1	1
	HQ-95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
TERRA																0.9	1
	C-40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	1
	C-207	1	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1
WESTBURN	H	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	-	1
ALL OTHER 3/																0.9	1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Includes Florida and Kansas. 2/ Totals may not add to overall percentages shown for varieties on page 1 because of rounding and agreees accounting for less than 0.5 percent.
 3/ Includes all varieties accounting for less than 0.5 percent and all varieties not listed. 1/ Less than 0.5 percent.

Table 2. Abilene Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	ALL-TEX	CARGILL		CARGILL		CARGILL		6 & P		HOLLAND		RANGER		ROSEBUD		TAMCOT		
		ATLAS	QUICKIE	LANKART	PAY-	PAY-	PAY-	PINE	6P 74+	1919	64-2	BB 53	PR 80	CAB-CS	SP21	OTHER	TOTAL	
611	HS 200	HS 26	145	90														
TEXAS:																		
HASKELL	1.0	3.9	-	28.5	28.2	-	-	11.0	-	-	12.9	3.5	2.9	2.4	8.3	-	8.4	100.0
HOWARD 1/	-	-	-	19.0	26.3	-	-	-	-	-	-	-	-	43.7	-	-	-	100.0
JONES	-	11.0	25.6	23.0	18.6	-	-	5.6	-	-	4.1	1.8	-	-	-	-	10.3	100.0
KNOX	-	-	1.4	17.9	57.2	-	-	-	-	-	-	-	-	1.4	-	-	22.1	100.0
MARTIN 1/	3.2	0.7	-	17.3	42.5	7.5	16.1	-	-	-	-	-	-	7.7	-	-	5.0	100.0
RUNNELS	17.9	10.7	-	30.3	20.7	-	-	-	-	-	-	10.0	-	-	-	-	10.4	100.0
TOM GREEN	1.5	5.2	-	24.7	37.5	-	20.4	-	-	-	-	-	-	-	-	-	10.7	100.0
ALL OTHER	4.8	3.7	4	20.1	23.7	0.9	17.2	8	8	0.6	0.9	9.0	6.1	4.9	7.1	7.1	100.0	
OFFICE TOTAL	3.5	4.2	2.8	21.7	27.7	1.0	11.6	0.6	1.7	0.7	1.2	5.3	7.4	2.4	8.1	8.1	100.0	

1/ A portion of this county is served by Laesca Classing Office. * Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 3. Altus Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	ALL-TEX	CARGILL		CARGILL		CARGILL		CARGILL		HOLLAND		HOLLAND		STONE-		TAMCOT		TAMCOT	
		QUICKIE	PR-75	LANKART	511	PAY-	MASTER	PAY-	MASTER	PAY-	CB 1135	850	1919	VILLE	CD3H	CD3H	OTHER	TOTAL	
OKLAHOMA:																			
BECKHAM	-	-	-	-	-	20.0	12.5	55.0	5.0	-	-	-	-	-	-	-	7.5	100.0	
CADDY	-	-	-	-	-	-	-	58.4	8.3	-	-	-	-	-	-	-	33.3	100.0	
GREER	-	7.3	-	-	-	-	25.9	45.5	2.7	-	-	-	-	-	-	10.9	7.7	100.0	
HARMON	-	-	-	-	-	-	6.0	49.0	4.0	-	-	6.0	8.0	-	-	-	27.0	100.0	
JACKSON	-	-	-	-	-	-	8.0	37.0	-	-	-	9.0	-	6.0	-	-	22.0	100.0	
KIOWA	-	-	-	-	-	16.7	19.4	8.9	-	-	-	-	-	34.4	-	-	20.6	100.0	
TILLMAN	25.4	6.4	4.2	-	-	4.2	12.2	2.2	-	-	-	7.3	10.9	15.4	2.2	9.6	100.0		
WASHITA	-	26.1	-	-	-	7.0	34.8	9.1	-	-	-	9.5	-	-	-	-	23.0	100.0	
ALL OTHER	-	21.7	-	-	-	34.2	6.8	-	-	-	-	-	-	-	-	1.8	26.0	100.0	
TOTAL	7.7	7.3	1.3	3.0	11.1	25.8	2.7	3.0	-	0.9	4.1	3.8	10.0	1.3	18.0	18.0	100.0		
TEXAS:																			
COLLINGSWORTH	-	-	-	-	-	-	-	15.4	36.4	26.4	-	-	-	-	-	10.0	6.8	5.0	100.0
HALL	-	-	-	-	-	-	26.4	50.7	3.6	-	17.9	-	-	-	-	-	1.4	100.0	
MOTLEY	-	-	-	-	-	-	40.0	55.0	-	-	-	-	-	-	-	-	5.0	100.0	
WILLBARGER	-	-	-	-	-	-	20.2	64.4	-	-	-	-	-	-	-	-	15.4	100.0	
ALL OTHER	-	-	-	3.9	2.8	21.1	58.5	2.5	-	-	3.9	-	-	-	-	1.6	-	5.6	100.0
TOTAL	-	-	-	1.8	1.3	22.7	54.8	5.2	-	3.4	1.8	-	-	-	-	2.0	0.9	6.0	100.0
OFFICE TOTAL 1/	3.2	3.0	1.6	2.0	17.9	42.7	4.1	1.2	2.0	1.6	1.7	1.6	5.3	1.0	11.0	-	-	-	-

1/ Includes small acreages in Kansas. * Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 4. Birmingham Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	DELTA- PINE	DELTA- PINE	DELTA- PINE	DELTA- PINE	DELTA- PINE	DES-119	HYPER- FORMER	STONE- VILLE	STONE- VILLE	SUREGROW
	DP 5415	DP 5690	20	50	51	HS 46	KC 311	KC 453	825	907
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
ALABAMA:										
CHEROKEE	-	6.3	-	-	9.7	16.0	31.2	1.6	-	14.3
DALLAS	36.6	-	57.7	-	-	-	5.7	-	-	-
LAWRENCE	-	26.6	30.0	5.0	12.3	10.1	3.4	4.2	-	-
LIMESTONE	-	1.8	-	4	46.6	48.6	-	-	1.7	2.5
MADISON	-	3.5	3.5	-	29.5	17.5	29.5	3.5	-	-
ALL OTHER	28.2	6.6	17.4	0.9	9.7	17.0	2.8	6.0	2.1	1.6
OFFICE TOTAL 1/	16.3	8.3	15.0	1.0	15.5	21.8	6.0	4.7	1.6	1.6
									2.1	1.6
									3.0	1.6
									1.6	1.6
										100.0

1/ Includes small acreages in Florida. 1. Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 5. Corpus Christi Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	ALL-TEX	DELTA- PINE	DELTA- PINE	DELTA- PINE	DES- PINE	6 & P	6 & P	HOLLAND	STONE- VILLE	STONE- VILLE	TAMCOT
	DP 5415	20	50	51	119	GP 3774	GP 74+	850	KC 311	LA-887	CAB-CS
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
TEXAS:											
NUECES	4.5	34.4	-	7.8	6.3	1.1	5.4	7.3	14.3	-	3.2
SAN PATRICIO	1.5	8.0	-	49.0	6.2	0.9	5.2	3.8	3.6	0.7	11.9
ALL OTHER	0.6	30.7	19.1	24.5	7.2	1.3	1.2	0.6	-	1.1	2.5
OFFICE TOTAL	1.8	23.4	7.7	29.3	6.6	0.9	2.6	2.9	3.0	5.6	1.1
									2.1	6.5	2.7
									3.0	3.8	100.0

1. Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 6. Dumas Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	DELTA- PINE DP 5415	DELTA- PINE 20	DELTA- PINE 50	DES- 119	HYPER- HS-46	STONE- VILLE LA-887	STONE- VILLE 132	STONE- VILLE 453	STONE- VILLE 506	STONE- VILLE 825	STONE- VILLE 907	TERRA C-30	TERRA C-40	OTHER	TOTAL	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
ARKANSAS:																
ASHLEY	4	45.4	22.4	-	1.8	1.8	-	12.9	5.0	3.2	0.7	5.7	-	-	0.9	100.0
DESHA	11.5	5.5	32.9	17.4	5.4	-	-	20.2	3.7	0.6	0.5	2.3	-	-	-	100.0
JEFFERSON	2.6	5.4	70.9	2.7	1.1	0.9	1	2.9	6.0	-	1	-	3.1	2.7	1.1	100.0
LINCOLN	1.5	5.7	69.3	7.6	9.3	-	3.1	-	3.1	-	-	-	1	1	-	100.0
LONKE	2.6	7.1	38.9	16.7	1.5	-	2.6	2.7	25.4	-	-	2.5	-	-	-	100.0
ALL OTHER	12.0	11.8	27.3	20.0	11.6	1.7	1.4	1	7.0	4.6	-	1	1	1	1.6	100.0
OFFICE TOTAL	7.3	13.9	38.5	12.7	6.6	1.1	1.0	5.8	7.0	2.4	1	1.5	0.7	0.6	0.9	100.0

† Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 7. El Paso Classing Office: Estimated percentage of cotton acreage planted to specified varieties by counties, crop of 1993

STATE AND COUNTY	ACALA 1517	ACALA 1517-75	ACALA E-2	ACALA 1517-77	ACALA 1517-88	CARGILL 1517-91	CHEMRED CB 219	DEL CERRO	DELTA- PINE	DELTA- PINE	DUNN DP 5415	STONE- VILLE	STONE- VILLE	OTHER	TOTAL		
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	HS 26	HS 90	KC 311	324		
TEXAS:																	
TOTAL	-	-	-	-	-	20.1	-	-	-	-	60.8	-	-	15.0	-	4.2	100.0
NEW MEXICO:																	
EDDY	-	-	76.0	10.1	5.9	-	-	-	-	-	4.0	-	-	-	-	4.0	100.0
ALL OTHER	-	†	19.9	10.9	10.5	20.3	10.5	-	-	-	3.3	-	13.2	-	-	3.2	100.0
TOTAL	-	†	14.1	35.7	10.4	16.0	7.4	-	-	-	3.5	-	9.3	-	-	3.4	100.0
ARIZONA:																	
TOTAL	4.5	2.3	2.3	-	4.7	11.4	-	3.5	1.7	55.3	2.1	-	5.4	6.0	0.8	100.0	
OFFICE TOTAL	1.8	1.0	8.1	18.4	9.1	12.7	3.8	1.4	0.7	29.1	0.8	4.8	3.5	2.3	2.5	100.0	

† Less than 0.5 percent.

NOTE: May not add due to rounding.

Table 10. Harlingen Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	DELTA- PINE	DELTA- PINE	DELTA- PINE	DELTA- PINE	DES- PINE	6 & P 6P 74+	HYPER- FORMER	STONE- VILLE	STONE- VILLE	SUREGROW 1001	TERRA C-30	OTHER	TOTAL
ACALA	DP 5415	DP 5690	20	50	51	HS 46	X(C311	132	453				
90													
TEXAS:													
CAMERON	3.7	31.5	12.9	4	11.2	19.8	1	1.9	2.6	1.4	2.9	5.7	-
HIDALGO	1.0	21.2	1.1	2.3	29.4	25.6	1.9	-	1	0.7	7.8	4.6	3.3
WILLACY	0.6	8.8	3.7	3.7	31.6	39.3	-	0.8	1.1	0.6	-	3.8	5.0
ALL OTHER	-	19.0	-	-	35.7	31.0	-	-	-	-	-	0.5	5.5
OFFICE TOTAL	1.7	19.7	5.7	2.2	24.7	29.0	0.6	0.6	1.1	1.3	0.8	1.1	5.6
												1.8	4.2
													100.0

† Less than .5 percent.

NOTE: Totals may not add due to rounding.

Table 11. Hayti Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	CHEMBRED CB 1135	CHEMBRED CB 3333	DELTA- PINE	DELTA- PINE	DES- PINE	HYPER- FORMER	STONE- VILLE	STONE- VILLE	STONE- VILLE	TERRA C-207	OTHER	TOTAL
MISSOURI:												
DUNKLIN	1	-	3.5	26.9	28.8	8.3	3.9	-	1.5	11.1	12.0	1.1
NEW MADRID	1	1.9	1.3	22.3	18.1	10.3	1.7	-	2.7	31.5	5.1	0.7
PEMISCOT	2.0	0.7	3.0	5.0	22.2	3.0	2.9	0.6	1.7	30.1	23.1	-
ALL OTHER	1	2.3	1	6.2	19.4	8.8	8.1	-	3.2	46.0	1	2.1
TOTAL	0.7	0.9	2.5	18.7	23.6	7.6	3.5	1	2.0	24.0	11.7	0.9
ARKANSAS:												
CRAIGHEAD	1	-	1	50.9	8.7	26.3	4.3	1	7.5	1.0	1	-
MISSISSIPPI	1.4	0.5	1.2	16.1	43.1	6.2	0.9	0.9	19.0	2.0	0.7	0.5
POINSETT	0.6	-	5.4	23.1	25.0	6.4	2.7	4.3	-	32.1	-	-
ALL OTHER	1	-	1	12.5	57.6	0.5	7.5	-	0.5	15.2	3.1	2.0
TOTAL	0.9	1	1.5	25.2	33.5	10.5	5.3	1.2	0.6	17.8	1.6	1.5
OFFICE TOTAL	0.8	0.5	2.0	22.1	28.9	9.2	4.5	0.7	1.3	20.7	6.3	0.9
											1	0.6
											1.1	100.0

† Less than .5 percent.

NOTE: Totals may not add due to rounding.

Table 12. Lamesa Classing Office

Estimated percentage of acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	ACALA 1517-77	ALL-TEX ATLAS	CARGILL MASTER	CARGILL PAY- MASTER	DELTA- PINE ACALA	DELTA- PINE MASTER	DES- PINE DP 5690	DUNN	HOLLAND 119	HOLLAND 120	SEEDCO COKER 312	SEEDCO DELTA- PINE	TAMCO CAB-CS SR-383	SEEDCO DELTA- PINE	SEEDCO DELTA- PINE	TAMCO CAB-CS SR-383	
TEXAS:																	
DAWSON	-	1.8	4.2	85.0	2.4	2.6	-	-	0.5	-	-	-	3.2	-	1.9	100.0	
GAINES 1/	-	-	23.9	70.8	-	-	-	-	-	-	-	-	-	-	3.5	100.0	
LYNN 1/	-	4.5	1.0	84.4	6.2	-	-	-	1.0	-	-	-	-	-	2.9	100.0	
MARTIN 2/	-	-	14.9	45.1	-	22.3	-	-	-	-	-	5.1	-	-	5.1	100.0	
ALL OTHER	-	-	1	22.1	55.1	7.3	1	3.9	2.6	-	3.9	-	2.0	-	0.6	2.3	100.0
OFFICE TOTAL 3/	1	0.9	13.4	72.4	3.4	2.1	0.8	0.5	1	0.8	1	1	1.0	1	2.8	100.0	

1/ A portion of this county is served by Lubbock Classing Office. 2/ A portion of this county is served by Abilene Classing Office. 3/ Includes small acreages in New Mexico.
 * Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 13. Lubbock Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	ALL-TEX QUICKIE	ALL-TEX ATLAS	CARGILL MASTER	CARGILL PAY- MASTER	CARGILL MASTER	CARGILL PAY- MASTER	CARGILL MASTER	CASCOT G-13	GROWERS GSC 25	GROWERS BB 53	RANGER TH 62	ROSEBUD PR 80	SEEDCO SOUTHLAND	SEEDCO DELTA- M-1	SEEDCO PINE	SEEDCO SR-383	
TEXAS:																	
BAILEY	7.8	-	19.4	37.3	22.4	-	6.1	-	-	-	3.3	-	-	-	3.6	100.0	
CASTRO	2.6	-	17.1	63.3	-	-	-	-	-	-	-	0.8	-	1.6	-	-	
CROSBY	1	-	64.1	25.2	1.4	-	-	1.6	0.8	-	-	-	-	4.4	100.0		
FLOYD	-	2.7	45.7	45.3	5.7	-	-	-	-	-	-	-	-	0.7	100.0		
GAINES	-	-	56.9	20.0	-	-	-	-	14.8	3.3	-	-	-	5.0	100.0		
HALE	3.2	-	16.8	57.8	17.9	-	-	1.7	-	-	-	-	1.7	-	0.9	100.0	
HOCKLEY	2.6	-	72.6	18.0	4.0	-	-	-	-	2.0	-	-	-	1	0.6	100.0	
LAMB	9.5	2.1	49.1	24.0	11.4	3.2	-	-	-	-	-	-	-	0.5	100.0		
LUBBOCK	1	-	70.2	15.0	2.2	-	-	-	-	0.5	-	-	-	9.4	1	2.1	100.0
LYNN 1/	0.6	-	74.4	12.4	6.8	-	-	-	-	2.5	-	-	1.7	1.7	-	-	100.0
PARMER	0.9	-	-	75.8	21.9	-	-	-	-	-	-	0.9	-	-	0.5	100.0	
SWISHER	-	-	9.6	16.8	60.4	-	1.8	-	-	-	-	9.6	-	-	1.8	100.0	
TERRY 1/	4.1	-	85.6	5.1	4.4	-	-	-	-	1	-	-	-	1	1	1	100.0
ALL OTHER	1	2.6	57.1	21.7	4.2	1	1	2.3	-	1	1	4.9	-	1	6.0	100.0	
OFFICE TOTAL 2/	2.2	0.7	53.8	26.4	9.5	1	1	1	1	1	1	1.4	1	0.9	1.3	2.1	100.0

1/ A portion of this county is served by Lamesa Classing Office. 2/ Includes small acreages in New Mexico. * Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 14. Macon Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	CHEROKEE CB 1135	DELTA- PINE	DELTA- PINE	DELTA- PINE	DELTA- PINE	DES- 119	HYPER- FORMER	STONE- VILLE	STONE- VILLE	STONE- VILLE	SUREGROW
ALL OTHER	44.8	13.6	14.6	0.6	0.9	7.1	2.7	3.0	1.9	1.4	3.5
OFFICE TOTAL 1/	43.0	13.0	16.2	0.5	0.8	6.2	2.8	4.7	2.2	0.9	1.1
											2.6
											100.0

1/ Includes small acreages in Florida. * Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 15. Memphis Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	CHEROKEE CB 1135	DELTA- PINE	DELTA- PINE	DES- 119	HYPER- FORMER	STONE- VILLE	STONE- VILLE	STONE- VILLE	STONE- VILLE	TERRA- VILLE	TOTAL
TENNESSEE:											
CROCKETT	-	-	41.3	29.2	-	1.3	-	-	18.2	10.0	-
FAYETTE	-	-	2.0	75.0	-	-	-	-	23.0	-	-
GIBSON	3.4	-	45.3	18.2	21.4	-	-	0.6	10.2	-	100.0
HARDEMAN	10.0	-	60.0	15.0	-	-	-	-	10.0	5.0	-
HAYWOOD	1	-	40.6	35.7	8.7	3.0	-	-	7.1	4.7	-
LAUDERDALE	-	13.4	18.0	38.4	-	6.0	-	-	11.6	5.6	-
TIPTON	-	-	16.4	39.0	1.4	9.3	-	0.7	-	23.9	9.3
ALL OTHER	1.0	1	25.9	28.5	13.2	5.1	4.0	4.0	-	15.6	-
TOTAL	1.0	1.3	29.9	34.2	7.0	3.8	0.9	1.0	1.1	15.2	4.1
ARKANSAS:											
LEE	-	-	50.0	-	40.0	-	-	-	-	10.0	-
PHILLIPS	-	24.0	-	32.1	14.2	-	-	-	-	11.9	-
ST. FRANCIS	-	-	20.0	50.0	20.0	8.0	-	-	-	-	5.9
ALL OTHER	-	13.4	13.4	18.8	30.6	10.2	-	-	9.2	1.3	3.0
TOTAL	-	14.9	13.4	23.8	24.6	4.6	-	-	9.7	5.3	1.2
MISSISSIPPI:											
MARSHALL	-	-	25.0	20.0	-	10.0	-	-	-	25.0	15.0
TATE	-	-	40.5	9.0	37.0	-	-	-	-	13.5	-
ALL OTHER	1.1	2.1	14.7	44.9	15.6	7.2	-	-	6.5	1.0	1.2
TOTAL	0.9	1.8	14.9	41.9	13.5	9.2	-	-	8.1	3.2	1.0
OFFICE TOTAL	0.8	4.3	23.5	33.5	12.0	5.1	0.5	0.6	1	12.7	4.2
											2.5
											100.0

* Less than 0.5 percent.

Totals may not add due to rounding.

Table 16. Phoenix Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	CHEMBRED CB 1135	DELTA- PINE	DES- 119	HYPER- FORMER	STONE- VILLE	SURE- GROW	OTHER	TOTAL							
	ACALA	DP 5415	DP 5461	DP 5690	DP 5816	20	41	50	51	HS 46	KC 311	1001			
ARIZONA:															
MARICOPA	2.4	1.5	75.7	0.6	2.0	2.8	7.3	-	-	-	1.3	1.4	5.1	100.0	
PINAL	-	9.4	59.4	0.8	10.5	1	2.2	3.4	-	0.6	4.7	2.6	1.0	5.2	
ALL OTHER	-	0.8	51.4	0.5	2.9	6.6	8.6	-	13.0	1.3	4.6	-	0.8	8.5	
TOTAL	1.0	4.4	64.7	0.6	5.5	2.5	5.6	1.3	2.5	0.5	0.9	1.8	1.7	1.1	5.8
CALIFORNIA:															
TOTAL 1/	-	3.4	53.5	21.9	6.5	-	8.1	-	1.8	1.4	-	-	-	3.5	100.0
OFFICE TOTAL	0.9	4.3	63.6	2.6	5.6	2.3	5.8	1.2	2.4	0.6	0.8	1.7	1.6	1.0	5.6

1/ Includes Imperial and Riverside Counties. * Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 17. Rayville Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by parishes, crop of 1993

STATE AND PARISH	DELTA- PINE	DELTA- PINE	DELTA- PINE	DELTA- PINE	DELTA- PINE	DES- 119	HYPER- FORMER	STONE- VILLE	STONE- VILLE	STONE- VILLE	TERRA- VILLE	OTHER	TOTAL			
	ACALA	DP 5415	DP 5690	20	41	50	51	HS 46	LA-887	453	506	825				
LOUISIANA:																
CADDO	-	9.4	-	1.5	-	40.4	11.3	9.4	14.6	13.4	-	-	-	100.0		
EAST CARROLL	30.0	7.1	0.8	6.7	-	28.3	18.7	-	-	5.0	-	-	-	100.0		
FRANKLIN	4.3	7.7	7.9	7.8	-	8.7	12.7	4.2	2.9	13.5	-	10.2	-	100.0		
MOREHOUSE	3.9	14.9	1.9	13.8	-	-	8.9	-	46.7	1.7	2.2	-	4.3	-	100.0	
RAPIDES	4.9	-	4.9	19.9	2.4	7.7	27.8	-	-	10.3	5.1	7.3	-	9.7	100.0	
RICHLAND	12.7	14.9	8.0	0.9	-	18.7	22.1	1.7	2.2	6.0	-	3.6	1	0.9	7.9	
TENSAS	-	28.9	14.4	17.9	1.7	-	9.8	-	25.3	2.0	-	-	-	-	100.0	
WEST CARROLL	17.0	2.7	34.6	7.4	-	8.5	-	-	2.0	10.8	8.5	-	-	8.5	100.0	
ALL OTHER	6.7	20.5	2.9	19.7	1.8	8.1	11.3	1.2	8.7	9.0	2.4	0.6	2.3	1.1	3.6	100.0
OFFICE TOTAL 1/	8.3	14.9	7.4	12.1	0.8	10.5	13.0	1.5	11.6	7.7	3.7	1.1	2.3	0.9	4.2	100.0

1/ Includes some small acreage from Mississippi. * Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Table 18. Visalia Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	ACALA	ACALA	CHEMBRED	CPCSD	CPCSD	DELTA- PINE	DELTA- PINE	GERMAIN'S ACALA	GERMAIN'S ACALA	GERMAIN'S ACALA	GERMAIN'S ACALA	OTHER	TOTAL
	H-5	SJ-5	ACALA	ACALA	ACALA	ACALA	SJ-2	DP 6100	DP 6166	DP 6C-356	DP 6C-510	ACALA	ACALA
CALIFORNIA:													
FRESNO	0.6	-	-	63.6	-	12.1	6.2	1	1.2	1.5	14.5	1	100.0
KERN	5.0	1	1	56.3	3.8	9.9	13.8	1	0.7	1.6	8.0	1	100.0
KINGS	13.0	-	-	55.8	-	9.8	14.1	1	0.7	1	5.9	1	100.0
MADERA	1	-	-	76.9	-	1	3.8	1	1.5	0.7	14.4	1.9	-
MERCED	1.1	1.0	-	69.3	-	2.0	3.1	1	2.9	1.1	18.4	0.9	-
TULARE	2.1	-	-	57.1	-	10.4	11.3	1	2.4	0.9	14.1	1.1	-
OFFICE TOTAL	3.6	1	1	60.9	0.9	9.6	9.5	1	1.4	1.2	12.0	0.5	1
† Less than 0.5 percent.													
NOTE: Totals may not add due to rounding.													

Table 19. Waco Classing Office: Estimated percentage of cotton acreage planted to specified varieties, by counties, crop of 1993

STATE AND COUNTY	ALL-TEX	CARGILL	DELTA- PINE	DELTA- PINE	DELTA- PINE	DES- PINE	6 & P	6 & P	6 & P	6 & P	HYPER- FORMER	STONE- VILLE	STONE- VILLE	TOTAL
	MAX-9	PAY- MASTER	ACALA	DP 5415	DP 5690	20	50	51	119	74+	1005A	HS 46	132	453
TEXAS:														
ELLIS	-	-	20.1	32.6	27.3	5.0	5.0	5.0	-	-	-	-	-	5.0
FT BEND	-	-	-	6.9	-	24.2	19.9	30.9	1.4	-	-	6.3	4.5	3.2
HILL	6.9	-	13.0	14.9	16.0	-	8.9	4.6	-	13.6	13.6	-	-	2.7
ROBERTSON	-	-	5.0	10.0	3.5	-	12.5	60.0	5.0	-	-	4.0	-	8.5
WILLIAMSON	12.6	-	21.5	16.1	43.6	-	1.7	2.6	-	-	-	1.1	-	0.8
ALL OTHER	11.3	1.1	15.8	14.9	4.6	9.0	16.3	16.6	0.5	1.1	1	1.7	1.4	1.1
OFFICE TOTAL	8.7	0.6	15.2	15.9	13.5	7.4	12.5	15.8	0.6	1.3	0.8	1.5	1.5	3.8
† Less than 0.5 percent.														
NOTE: Totals may not add due to rounding.														

Table 20. Estimated percentage of American Pima cotton acreage planted to specified varieties, by states, crop of 1993

State	GERMAIN'S		Pima S-7	Pima S-6	Misc.	TOTAL
	252	Oro Blanco				
	Percent	Percent	Percent	Percent	Percent	Percent
Arizona	-	-	66.8	32.6	0.5	100.0
California	3.8	7.2	72.7	15.3	1.0	100.0
New Mexico	-	-	16.0	81.1	2.9	100.0
Texas	-	-	19.3	80.7	-	100.0
All Other 1/	-	-	-	100.0	-	100.0
United States	1.8	3.5	58.6	35.3	0.8	100.0

1/ Includes small acreages in Alabama and Florida.

NOTE: Totals may not add due to rounding.

Table 21. Estimated percentage of American Pima cotton acreage planted to specified varieties, by classing offices, crop of 1993

Classing Offices	GERMAIN'S		Pima S-7	Pima S-6	Misc.	TOTAL
	252	Oro Blanco				
	Percent	Percent	Percent	Percent	Percent	Percent
Corpus Christi:	-	-	51.5	48.5	-	100.0
El Paso:						
Arizona	-	-	9.5	88.9	1.6	100.0
New Mexico	-	-	16.0	81.1	2.9	100.0
Texas	-	-	16.0	84.0	-	100.0
Office total 1/	-	-	14.0	85.1	1.0	100.0
Phoenix:						
Arizona	-	-	95.4	4.6	-	100.0
California	-	-	75.0	-	25.0	100.0
Office total	-	-	95.3	4.5	†	100.0
Visalia	3.8	7.2	72.7	15.3	0.9	100.0

1/ Includes small acreages in Lamesa Classing Office area.

† Less than 0.5 percent.

NOTE: Totals may not add due to rounding.

Analysis of variance table of family effects with respect to seedling biomass, 1991 to 1993

Family	1991	1992	1993	Family	1991	1992	1993
0,001	5,0	5,57	6,46				
0,002	5,1	7,61	5,87				
0,003	5,2	1,08	6,21				
0,004	5,3	5,38	7,71				
0,005	5,4	3,01	5,71				
0,006	5,5	3,45	4,82				
0,007	5,6	3,45	4,82				

Number of families as response (less missing): 11

Number of observations per family (less missing): 3

Sum of squares = 2,222

Sum of squares = 2,222

Analysis of variance table of family effects with respect to seedling biomass, 1991 to 1993

Family	1991	1992	1993	Family	1991	1992	1993
0,001	5,0	5,57	6,46				
0,002	5,1	7,61	5,87				
0,003	5,2	1,08	6,21				
0,004	5,3	5,38	4,82				
0,005	5,4	3,01	5,71				
0,006	5,5	3,45	4,82				
0,007	5,6	3,45	4,82				

Number of families as response (less missing): 11

Number of observations per family (less missing): 3